

Scott D Nodder

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,460
citations

430874

18
h-index

395702

33
g-index

37
all docs

37
docs citations

37
times ranked

2791
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A mesoscale phytoplankton bloom in the polar Southern Ocean stimulated by iron fertilization. <i>Nature</i> , 2000, 407, 695-702. | 27.8 | 1,417 |
| 2 | Earthquakes drive large-scale submarine canyon development and sediment supply to deep-ocean basins. <i>Science Advances</i> , 2018, 4, eaar3748. | 10.3 | 123 |
| 3 | Episodic particulate fluxes at southern temperate mid-latitudes (42°–45°S) in the Subtropical Front region, east of New Zealand. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2001, 48, 833-864. | 1.4 | 93 |
| 4 | Differential remineralization of major and trace elements in sinking diatoms. <i>Limnology and Oceanography</i> , 2014, 59, 689-704. | 3.1 | 84 |
| 5 | Variability in benthic biomass and activity beneath the Subtropical Front, Chatham Rise, SW Pacific Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003, 50, 959-985. | 1.4 | 69 |
| 6 | Alkenone temperature records and biomarker flux at the subtropical front on the Chatham Rise, SW Pacific Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2005, 52, 721-748. | 1.4 | 61 |
| 7 | Microbial control of diatom bloom dynamics in the open ocean. <i>Geophysical Research Letters</i> , 2012, 39, . | 4.0 | 61 |
| 8 | Pilot trophic model for subantarctic water over the Southern Plateau, New Zealand: a low biomass, high transfer efficiency system. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 289, 223-262. | 1.5 | 53 |
| 9 | Focusing of phytodetritus deposition beneath a deep-ocean front, Chatham Rise, New Zealand. <i>Limnology and Oceanography</i> , 2007, 52, 299-314. | 3.1 | 44 |
| 10 | Coccolithophore biodiversity controls carbonate export in the Southern Ocean. <i>Biogeosciences</i> , 2020, 17, 245-263. | 3.3 | 38 |
| 11 | Temporal coupling between surface and deep ocean biogeochemical processes in contrasting subtropical and subantarctic water masses, southwest Pacific Ocean. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 35 |
| 12 | Pelagic iron cycling during the subtropical spring bloom, east of New Zealand. <i>Marine Chemistry</i> , 2014, 160, 18-33. | 2.3 | 35 |
| 13 | Calibrating the marine turbidite palaeoseismometer using the 2016 Kaikōura earthquake. <i>Nature Geoscience</i> , 2021, 14, 161-167. | 12.9 | 35 |
| 14 | Insights into the Biogeochemical Cycling of Iron, Nitrate, and Phosphate Across a 5,300 km South Pacific Zonal Section (153°E–150°W). <i>Global Biogeochemical Cycles</i> , 2018, 32, 187-207. | 4.9 | 31 |
| 15 | Annual cycles of deep-ocean biogeochemical export fluxes in subtropical and subantarctic waters, southwest Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 2405-2424. | 2.6 | 29 |
| 16 | Pigment fluxes from the Subtropical Convergence region, east of New Zealand: Relationships to planktonic community structure. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1998, 32, 441-465. | 2.0 | 28 |
| 17 | Distribution of surficial sediments in the ocean around New Zealand/Aotearoa. Part B: continental shelf. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 24-45. | 1.8 | 27 |
| 18 | Late quaternary transgressive/regressive sequences from Taranaki continental shelf, western New Zealand. <i>Marine Geology</i> , 1995, 123, 187-214. | 2.1 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Post-glacial sea-level control and sequence stratigraphy of carbonate terrigenous sediments, Wanganui shelf, New Zealand. <i>Sedimentary Geology</i> , 1998, 122, 245-266. | 2.1 | 20 |
| 20 | Distribution of surficial sediments in the ocean around New Zealand/Aotearoa. Part A: continental slope and deep ocean. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 1-23. | 1.8 | 18 |
| 21 | Full annual monitoring of Subantarctic <i>Emiliana huxleyi</i> populations reveals highly calcified morphotypes in high-CO2 winter conditions. <i>Scientific Reports</i> , 2020, 10, 2594. | 3.3 | 18 |
| 22 | Biomediation of submarine sediment gravity flow dynamics. <i>Geology</i> , 2020, 48, 72-76. | 4.4 | 17 |
| 23 | Structure of infaunal communities in New Zealand submarine canyons is linked to origins of sediment organic matter. <i>Limnology and Oceanography</i> , 2020, 65, 2303-2327. | 3.1 | 15 |
| 24 | Giant depressions on the Chatham Rise offshore New Zealand – Morphology, structure and possible relation to fluid expulsion and bottom currents. <i>Marine Geology</i> , 2018, 399, 158-169. | 2.1 | 13 |
| 25 | Developing an Integrated Ocean Observing System for New Zealand. <i>Frontiers in Marine Science</i> , 2019, 6, . | 2.5 | 12 |
| 26 | Seafloor Habitats and Benthos of a Continental Ridge. , 2012, , 763-776. | | 11 |
| 27 | Decoupling Between Phytoplankton Growth and Microzooplankton Grazing Enhances Productivity in Subantarctic Waters on Campbell Plateau, Southeast of New Zealand. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015550. | 2.6 | 11 |
| 28 | Planktonic protist diversity across contrasting Subtropical and Subantarctic waters of the southwest Pacific. <i>Progress in Oceanography</i> , 2022, 206, 102809. | 3.2 | 11 |
| 29 | Novel Application of a Compound-Specific Stable Isotope (CSSI) Tracking Technique Demonstrates Connectivity Between Terrestrial and Deep-Sea Ecosystems via Submarine Canyons. <i>Frontiers in Marine Science</i> , 2020, 7, . | 2.5 | 8 |
| 30 | Benthic metabolism on Chatham Rise, New Zealand continental margin: Temporal and spatial variability, and relationships with macrofauna and environmental factors. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 159, 103239. | 1.4 | 5 |
| 31 | The structure and seismic potential of the Aotea and Evans Bay faults, Wellington, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 46-71. | 1.8 | 4 |
| 32 | Tilt-induced biases in sediment trap functioning. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 8381-8391. | 2.6 | 3 |
| 33 | Seasonal cycles of phytoplankton and net primary production from Biogeochemical Argo float data in the south-west Pacific Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 187, 103834. | 1.4 | 3 |
| 34 | Diatom and coccolithophore species fluxes in the Subtropical Frontal Zone, east of New Zealand. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 169, 103455. | 1.4 | 2 |
| 35 | Latest Miocene (Kapitean/Messinian) glauconite and the central Chatham Rise greensand: an enigmatic, highly condensed, relict/palimpsest deposit on the modern seafloor. <i>New Zealand Journal of Geology, and Geophysics</i> , 0, , 1-26. | 1.8 | 2 |